

**Career and Technical Education (CTE):
Preparing Students for College and Careers**

Presentation Outcomes

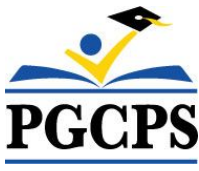
1. Participants will be able to communicate the variety of pathways and programs provided by the PGCPS CTE department.
2. Participants will have an understanding of CTE initiatives and accomplishments.
3. Participants will be able to communicate the strategies used continuously improve outcomes for CTE students.



What is Career and Technical Education?

Career and Technical Education (CTE) programs of study help students gain the skills, technical knowledge, academic foundation, and real-world experiences they need to prepare for high-skill, high-demand, and high-wage careers.

What is Career and Technical Education?



PGCPS/MSDE Vision for CTE

Vision for Career and Technical Education

Each student has access and the opportunity to engage in career programs of study that

- ✓ align to high-skill, high-wage, and/or in-demand careers;
- ✓ lead to earning industry-recognized and/or postsecondary credentials that will allow entrance and/or advancement in a specific career cluster; and
- ✓ provide career-based learning experiences that require the application of academic and technical knowledge and skills in a work setting.



Impact of CTE on Student Outcomes

High school students involved in CTE are more engaged, graduate at higher rates, and typically go on to postsecondary education.*

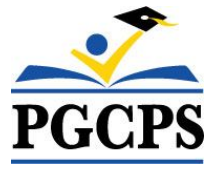
- Taking one CTE class for every two academic classes minimizes the risk of students dropping out of high school
- 91% of high school graduates who earned 2-3 CTE credits enrolled in college

The Benefits of CTE Programs

- Dual enrollment, transcribed, and articulated college credits
- Advanced Placement courses
- Certifications and industry recognized credentials
- Scholarships
- Work-based learning and internship opportunities
- Student organizations and clubs that allow students to test their skills against peers and provide leadership development



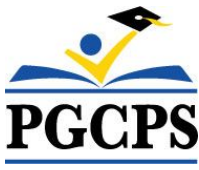
PGCPS CTE Programs of Study



- Arts, Media, and Communications
- Business Management and Finance
- Health and Biosciences
- Human Resource Services
- Information Technology
- Manufacturing, Engineering, and Technology
- Transportation Technologies
- Construction and Development
- Consumer Services, Hospitality and Tourism
- Environmental, Agricultural, and Natural Resources



CTE Industry Recognized Certifications/Licensure



MD State Cosmetology License

MD State Barbering License

MD Board of Nursing CNA/GNA

Certified Clinical Medical Assistant (CCMA)

Pharmacy Technician

National Center for Construction
Education and Research (NCCER) Core,
Level 1 & Level 2

Adobe Certification



ASE Certifications

CompTIA A+, CCENT, & CCNA

AutoCad

ArcGIS Desktop Entry

ServSafe, Junior Culinarian Certificate

Firefighter 1, Firefighter 2, & EMT

Microsoft Office Suite Certification



CTE in PGCPS



- **All** comprehensive high schools offer at least one CTE program of study
- 3-year and 4-year CTE programs are offered to students at their boundary school
- All students are eligible to attend 2-year programs
 - A transfer to a regional CTE center based on student residency may be required
 - Transportation is provided
 - 2-year application opens in mid-October and closes March 12th

CTE Highlights

P-TECH

Offered at Frederick Douglass HS with 61 students enrolled in either Health Information Management or Hospitality Services Management



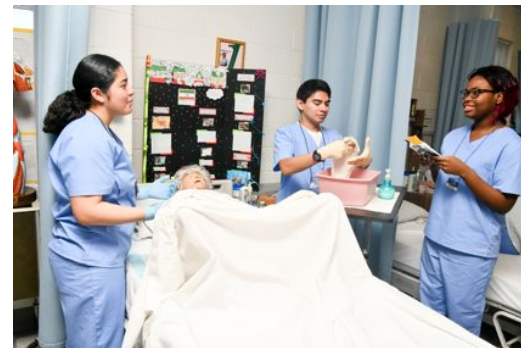
Apprenticeship

There are currently 20 apprentices participating in the program. Students work full-time with Supervisors/Master Tradesmen in the Building Services Department the summer between 11th and 12th grade making \$15 per hour.



CTE Evening HS

Offered at Bladensburg HS with 16 students enrolled in either ProStart or Nursing with guaranteed industry related employment



Prince George's County Public Schools is a Registered Apprenticeship Provider with the Maryland Department of Labor, Licensing, and Regulation

CTE Highlights

Student Built House

Students in our Building Trades programs have begun construction on their 43rd house! The last house just sold for over \$425,000!



JA Finance - 3DE

Potomac HS was selected as the inaugural site for 3DE; an innovative high school model designed to provide rigorous standards based education infused with relevant, experiential, and authentic connectivity to the complexities that exist beyond the classroom walls.



Teacher Academy

PGCPS in partnership with PGCC, Bowie State University, and UMD College Park have set out to "Grow Our Own" future educators



How Can You Support CTE Programs?

- Promote CTE programs with your constituents
- Solicit community and business partners to provide internships and employment
- Get involved in changing State and Federal policies creating barriers for Career and Technical Education, such as hiring restrictions



CTE Graduate: Belviane Songong - IT Cisco



CTE: Ready to Work...Ready to Serve...Ready...

